

STATE OF CALIFORNIA CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

**California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025**

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

- 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

| Section I: Jurisdiction Information and Certification | | | |
|---|---|-----------------------------|----------|
| <i>All respondents must complete this section.</i> | | | |
| I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of: | | | |
| Jurisdiction Name | County | | |
| City of Santa Paula | Ventura | | |
| Authorized Signature | Title | | |
| Type/Print Name of Person Signing | Date | Phone () Include Area Code | |
| Person Completing This Form (please print or type) | Title | | |
| Heidi Whitman | | | |
| Affiliation: | Whitman Work Group, 821 N. Signal St., Ojai, CA 93023 | | |
| Mailing Address | City | State | ZIP Code |
| | Santa Paula | CA | 93060 |
| E-Mail Address | aemmert@ci.santa-paula.ca.us | | |

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

| | |
|--|---|
| 1. Current Board-approved existing base year: | 2. Proposed new generation-based study year: |
| 1990 | 2000 |

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The proposed generation study year shows a slow but steady increase in diversion over the previous 4 annual reports in which a generation-based diversion was calculated. The City has a new, improved curbside program which may account for this year's improvements. Also, this year more businesses responded to the City's request for recycling tonnage information than last year.

4. Enter diversion rate information below.

| | | | |
|---|--|---|---|
| Diversion rate calculated using existing base year | a. 12 % | Diversion rate calculated using new generation-based study | b. 30 % |
| For existing base year pounds/person/day based on generation | 7.39 | For new generation based study pounds/person/day based on generation | 9.34 |
| Residential generation 38 % | Non-Residential generation 62 % | Residential generation 26% % | Non-Residential generation 74% % |
| Population existing generation-based study 25062 | | Population new generation-based study | 28600 |

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

The City of Santa Paula, as well as the other western Ventura County cities who participated, has discussed errors of the 1990 Generation Study in previous Annual Reports. These errors include no inclusion of out-of-county disposal and inaccurate jurisdiction of origin information in the 1990 study. Since 1990 there have been many improvements including reporting of out-of-county disposal and surveys to determine jurisdiction of origin information. Although the proposed new generation tonnage results in an increase in per capita generation rate, the City believes that the 1990 per capita generation is too low and reflects the errors that have been previously identified.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The proposed diversion rate has been calculated using quantified diversion program tonnages. The City also has a new curbside recycling and green waste collection program with automated collection vehicles and automated containers. Since the program started, recyclable material volumes have increased by approximately 300%. This report documents diversion which the City was able to quantify and does not include all diversion activities going on within the City. For example, some businesses did not report that reported last year and there are some programs which are ongoing but were not quantified due to the resources necessary to quantify the diversion tonnage.

7. Disposal Tonnage (enter values):

| | | |
|-------------|-----------------|-------|
| 11160 | 23185 | 34345 |
| Residential | Non-Residential | Total |

Please select the ONE choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LCcentral/Forms/rynmndrq.doc)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LCcentral/Forms/rynmndrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt), white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

| Diversion Activity | Actual tons | Relative Percent to Total Generation | Specific Material Type(s) (List operation w/multiple materials in one box) | Specific Conversion Factor Used (if any) and Source | Type of Record and Location of Record |
|--|-------------|--------------------------------------|--|---|---------------------------------------|
| Residential Source Reduction Activities | | | | | |
| Backyard composting | | 0.0% | | | |
| Grasscycling | | | | | |
| Other Residential Source Reduction (list each program separately) | | | | | |
| Enter program name | | 0.0% | | | |
| Enter program name | | 0.0% | | | |
| Enter program name | | 0.0% | | | |
| Enter program name | | 0.0% | | | |
| Subtotal, Residential Source Reduction | 0 | 0.0% | | | |
| Residential Recycling Activities | | | | | |
| Curbside Recycling | | | | | |
| Buyback Centers | 535 | 1.1% | Commingled Recyclables: CRV, glass, metal cans, newspaper, OCC, magazines, mixed paper, #1 and #2 plastics | Actual hauler weights | Weight slips in City files. |
| Drop-off Centers | 540 | 1.1% | CRV containers | Actual weights provided by DOC. | Letter from DOC in City files. |

| Diversion Activity | Actual tons (A) | Relative Percent to Total Generation (A/Total Generation) | Specific Material Type(s) (List operation with multiple materials in one box) | Specific Conversion Factor Used (if any) and Source | Type of Record and Location of Record |
|--|------------------------|--|---|---|---|
| Other Residential Recycling (list each program separately) | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal, Residential Recycling | 1075 | 2.2% | | | |
| Residential Composting Activities | | | | | |
| Green Waste Drop-off | | | | | |
| Curbside Green Waste | 535 | 1.1% | Green waste | Actual hauler weights | Weigh slips in City files. |
| Christmas Tree Program | | | | | |
| Other Residential Composting (list each program separately) | | | | | |
| Christmas Tree Composting | 24 | 0.0% | Christmas tree composting per actual weights kept separate from other greenwaste programs | Actual hauler weights | Weigh slips in City files. |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal, Residential Composting | 559 | 1.1% | | | |
| Subtotal, Residential Diversion | 1633 | 3.4% | | | |
| Non-Residential Source Reduction | | | | | |
| Activities: | | | | | |
| Non-Residential Waste Audits* | 217 | 0.4% | | | |
| Other Non-Residential Source Reduction (list each program separately) | | | | | |
| City Park Grasscycling | 152 | 0.3% | grass clippings | 18.97 acres of park turf area are grasscycled, at 8 tons per acre, yielding 151.76 tons diverted total. | Increase quantification table in City files |
| Enter Program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal, Non-Residential Source Reduction | 369 | 0.8% | | | |

| Diversion Activity | Actual tons | Relative Percent to Total Generation | Specific Material Type(s) (List operation w/multiple materials in one box) | Specific Conversion Factor Used (if any) and Source | Type of Record and Location of Record |
|---|--------------|--------------------------------------|--|---|--|
| <p>Please use the Board's program types. The program type glossary is online at: www.ci.vmb.ca.gov/LGCentral/Paris/CoDes/Reduce.htm</p> | | | | | |
| Recycling | | | | | |
| Non-Residential Waste Audits* | 6811 | 14.0% | See Section 9 | See Section 9 | See Section 9 |
| Other Non-Residential Recycling (list each program separately) | | | | | |
| Commercial recyclables collection | 549 | 1.1% | OCC, mixed paper | Weights provided by hauler. | Report in City files. |
| Private hauler recycling | 58 | 0.1% | OCC | Weights provided by hauler. | Report in City files. |
| Commercial rolloff bins sorting | 147 | 0.3% | Mixed recyclables | Weights provided by hauler. | Report in City files. |
| Commercial recyclables collection | 344 | 0.7% | OCC, mixed paper | Weights provided by hauler. | Report in City files. |
| Enter program name | | | | | |
| Subtotal Non-Residential Recycling | 7908 | 16.2% | | | |
| Non-Residential Composting | | | | | |
| Non-Residential Waste Audits* | 190 | 0.4% | See Section 9 | See Section 9 | See Section 9 |
| Other Non-Residential Composting (list each program separately) | | | | | |
| Streets and parks greenwaste | 156 | 0.3% | greenwaste: grass clippings and tree/bush clippings | Actual hauler weights | Weight slips in City files. |
| Annual Line Clearing | 80 | 0.2% | tree trimmings | Actual hauler weights | Weight records with Southern CA Edison |
| Commercial greenwaste | 151 | 0.3% | greenwaste from commercial collection bins | Actual hauler weights | Weight records with hauler |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal Non-Residential Composting | 577 | 1.2% | | | |
| Subtotal Non-Residential Diversion Residential/Non-Residential Diversion Activities | 8855 | 18.2% | | | |
| ADC | | | | | |
| Situdge | | | | | |
| Scrap Metal | | | | | |
| Construction and Demolition | 3915 | 8.0% | asphalt and concrete | Ventura Countywide inert recycling allocation for concrete and actual weight for Caltrans project | letter on file in City |
| Landfill Salvage | | | | | |
| Subtotal Residential/Non-Residential Diversion | 3915 | 8.0% | | | |
| Total Res/Non-Res Source Reduction Tons | 369 | 0.8% | | | |
| Total Diversion Tons | 14403 | 29.5% | | | |
| Total Disposal Tons from Sec.7 | 34345 | 70.5% | | | |
| Total Generation Tons (Div+Dis) | 48748 | | | | |
| Diversion Rate | 30% | | | | |

9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets. (Table will perform all addition calculations).

| Type of Non-Residential Generator | Audit Reference Number | Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grass recycling). (List activities on one line) | Source Reduction Tons | Recycling Tons | Composting Tons | Total Diversion Tons | Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8) | Survey Method Phone (P) Mail (M) On-site (O) Other | |
|-----------------------------------|------------------------|---|-----------------------|----------------|-----------------|----------------------|--|--|--|
| Paper manufacturer | 1 | paper recycling; wood plugs, tires, and pallets reuse | 179 | 5625 | | 5803.92 | 11.9% | | |
| Market | 2 | OCC, mixed paper, plastic recycling; | | 300 | 188 | 488.03 | 1.0% | | |
| Paper packaging | 4 | paper recycling | | 447 | | 446.8 | 0.9% | | |
| Market | 5 | OCC recycling; bone and fat rendering; produce for animal food | 14 | 311 | | 324.06 | 0.7% | | |
| Discount retail | 3 | OCC recycling | | 68 | | 67.5 | 0.1% | | |
| Citrus packer | 9 | OCC recycling; byproducts for cattle food | 25 | 16 | | 41.2 | 0.1% | | |
| Retail pharmacy/Variety | 8 | OCC recycling | | 26 | | 26 | 0.1% | | |
| Automotive products | 10 | OCC, grinding sludge recycling; wood composting | | 19 | 2 | 20.5 | 0.0% | | |
| Totals | | | | | | | 7218.01 | 14.8% | |

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling; quantified by monthly tonnage receipts provided by the contact person at the business).

- Business 1:** Paper Recycling actual net weight one van per day times 250 working days. Wood plug recycling, net weight of one container plugs times 52 weeks. Tire reuse hard rubber tires 80 lbs per tire (USEPA) times 18 tires per year. Pallet reuse, 40 lbs each pallet reused (USEPA) times 10,500
- Business 2:** tonnage of all materials verified through corporate office, which allocates diversion among the stores by relative sales.
- Business 4:** paper recycling actual weights verified through bills of lading.
- Business 5:** OCC recycling USEPA conversion factor of 400 lbs per cu yd times 15 bales per week times 52 weeks. Bone and fat rendering 3.5 39 gallon containers per week times conversion factor for cu feet times 57 lb per cu ft. (USEPA) produce for animal food 1.5 cu ft per box times 6.5 boxes per week times Tellus conversion factor (1443 lb per cu yd) divided by 27 to calculate one cu ft. weight
- Business 3:** OCC recycling actual number of bales verified through bills of lading for one year times average weight of 3 bales, verified through weight tickets.
- Business 9:** OCC recycling actual weight. Citrus byproducts for animal feed based upon weight of one box citrus (40 lbs) times number of boxes produced that year, times between 2% and 4% of packed crop for year 2000.
- Business 8:** OCC recycling based upon actual tonnage per written survey by business.
- Business 10:** OCC recycling based upon actual tonnage per written survey by business. Grinding sludge recycling and wood composting based upon actual tonnage per written survey by business.

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept. ").

| Restricted Waste Type | Specific Program Name | Year Started | Tonnage |
|---------------------------|---|--------------|---------|
| Inert Solids | Ventura countywide inert recycling allocation (concrete only) | 1990 | 1740 |
| Inert Solids | Caltran asphalt reuse | 2000 | 2174 |
| Pull Down for Waste Types | | | |
| Pull Down for Waste Types | | | |
| Pull Down for Waste Types | | | |
| Pull Down for Waste Types | | | |

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

_____ (Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

| Restricted Waste Type | Specific Program Name | New Base Year or Reporting Year Diversion Tonnage |
|---------------------------|-----------------------|---|
| Pull Down for Waste Types | | |
| Pull Down for Waste Types | | |
| Pull Down for Waste Types | | |
| Pull Down for Waste Types | | |
| Pull Down for Waste Types | | |
| Pull Down for Waste Types | | |

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

| Restricted Waste Type | Specific Program Name | New Base Year or Reporting Year Tonnage | 1990 Diversion Tonnage | Difference |
|---------------------------|-----------------------|---|------------------------|------------|
| Pull Down for Waste Types | | | | |
| Pull Down for Waste Types | | | | |
| Pull Down for Waste Types | | | | |
| Pull Down for Waste Types | | | | |
| Pull Down for Waste Types | | | | |
| Pull Down for Waste Types | | | | |

| Reference Number | Entity | Diversion Activity | Material Type | Conversion Factor and Source | Tons |
|--|----------------------------|--------------------|------------------------|--|----------------------|
| A-1 | Commercial Collection | Recycling | Commingled recyclables | Actual weights per hauler | 549 |
| A-6 | Commercial Roll-off Bin | Recycling | Commingled recyclables | Actual weights per hauler | 147.0 |
| A-2 | Buyback Centers | Recycling | CRV metals, glass | Actual weights per CA DOC records | 539.99-504 |
| A-4 | Composting Facility | Composting | green waste | Actual weights provided by business | 0.151 |
| A-3 | Commercial Collection | Recycling | Commingled recyclables | Actual weights per hauler | 0.344 |
| A-5 | Private hauler | Recycling | OCC | Weight as reported on City survey (not included in cert or Attach 9) | 58.33-0 |
| A-7 | Non-franchise Recycling | Recycling | Commingled recyclables | Weights provided by businesses | 0.267 |
| A-8 | City Commercial Collection | Recycling | Commingled recyclables | Actual weights per hauler | 0.344 |
| A-9 | Commercial Greenwaste | Composting | Greenwaste | Actual weights per hauler | 0.151 |
| A-10 | Metal Recycler | Recycling | Metals | Actual weights provided by business | 0.25 |
| A-11 | Inerts | Recycling | Asphalt | Actual tonnage Caltrans 10th St. repavement project | 2174 |
| | | Recycling | Concrete | Ventura County inerts allocation | 1740.85 |
| | | Recycling | Concrete and Asphalt | Ventura County inerts allocation | 8039 |
| A-12 | City sludge | Landspreading | biosolids | Actual weight times 80% solids | 0.460 |
| Total Material Handlers Diversion | | | | | 5062.17-19834 |

**Attachment 9
Business Audit Diversion for the City of Santa Paula 2000**

| Reference Number | Business Type | Diversion Activity | Material Type | Conversion Factor and Source | Tons |
|---------------------------------|-------------------------|--------------------|---|--|---------------------|
| 1 | Paper Manufacturer | Recycling | corrugated paper scrap | one van of baled paper per day @ 45,000 lb x 250 work days per year | 5625-3600 |
| | | Reuse | wood plugs | Weight of one bin generated per week x 52 weeks | 18.20 0 |
| | | Reuse | tires | 18 hard rubber forklift tires per year sent back to company to retread | 0.72 0 |
| | | Reuse/Repair | pallets | 40 lb ea X 8000 | 160 0 |
| 2 | Market | Recycling | cardboard | Actual weights per business records | 259.68 282 |
| | | Composting | food | Actual weights per business records | 168.06 498 |
| | | Rendering | bones and fat (not included in City report) | Tonnages verified through corporate office which allocates diversion among the stores. | 30.45 0 |
| | | Composting | wood (not included in City report) | Tonnages verified through corporate office which allocates diversion among the stores. | 19.96 0 |
| | | Recycling | plastic (not included in City report) | Tonnages verified through corporate office which allocates diversion among the stores. | 9.6 0 |
| | | Recycling | mixed paper (not included in City report) | Tonnages verified through corporate office which allocates diversion among the stores. | 0.28 0 |
| 3 | Discount Retail | Recycling | OCC | Bales measured, each bale 2.68 yards, EPA | 67.5 279 |
| 4 | Paper Packaging Mfg. | Recycling | Paper, plastic | Weights provided by company. | 238.8 239 |
| | | Recycling | White paper | item not included | 208 0 |
| 5 | Market | Recycling | cardboard | Bales measured, each bale 2.0 yards, EPA | 302.64 208 |
| | | Recycling | fat and bones rendering | item not included | 7.87 0 |
| | | Source Reduction | produce for animal food | item not included | 13.55 0 |
| 6 | Tire Stores | Reuse/Recycling | tires | Per capita rate from CIWMB Tire Report | 0 479 |
| 9 | Citrus Packer | Recycling | cardboard | entered on certification as citrus waste not on Attachment 9 | 16.2 46 |
| | | Source Reduction | byproducts for cattle food | not included in certification or on Attachment 9 | 25 0 |
| 8 | Retail Pharmacy/Variety | Recycling | cardboard | not included in certification or on Attachment 9 | 26 0 |
| 10 | Automotive Products | Recycling | cardboard | not included in certification or on Attachment 9 | 0.5 0 |
| | | Recycling | wood | not included in certification or on Attachment 9 | 2 0 |
| | | Recycling | grinding sludge | not included in certification or on Attachment 9 | 18 0 |
| Total Business Diversion | | | | | 7187.98 5004 |